

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001251

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. <sup>7</sup> : B01D 65/02		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: B01D 65/02 AND backwash+; B01D 13/00+ AND backwash+; B01D 65/02 AND revers+ NOT osmosis; B01D 13/00+ AND revers+ NOT osmosis. Note: B01D 13/00 from 4 <sup>th</sup> ed. IPC and earlier		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1986/005116 A (MEMTEC LTD) 12 September 1986 See pages 36-37, claims 1-2	1-18
X	WO 1986/005705 A (MEMTEC LTD) 9 October 1986 See pages 22-23, claims 1-3	1-18
X	WO 1985/001449 A (MEMTEC LTD) 11 April 1985 See page 3, lines 1-9, 24-33; page 12, claims 1, 6	1-18
X	WO 1993/002779 A (MEMTEC LTD) 18 February 1993 See page 6, line 26 to page 7, line 10; pages 50-51, claims 22-23	1-18
X	Patent Abstracts of Japan, JP 06-190250 A (MITSUBISHI RAYON CO LTD) 12 July 1994	1-18
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 14 October 2004		Date of mailing of the international search report 22 OCT 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  M. Bremers Telephone No : (02) 6283 2052

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PCT/AU2004/001251

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/036075 A (ZENON ENVIRONMENTAL INC) 25 May 2001 See page 1, lines 20-31; page 2, line 31 to page 3, line 5; page 3, line 26 to page 4, line 2; page 6, line 24 to page 7, line 6	19-23
X	WO 1998/028066 A (MEMTEC AMERICA CORP) 2 July 1998 See page 15, claims 1, 4; page 2, line 18 to page 5, line 7; page 13, lines 11-20	19-23
X	Derwent Abstract Accession No. 94-313003/39, Class D15, J01, & JP 06-238273 A (MITSUBISHI RAYON ENG CO) 30 August 1994 See paragraph 7	19-23

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001251

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
WO	1986/005116 A	AT	81796	AU	5584786	CN	1011577
		CN	86104888	DE	3687024	EP	0213157
		JP	60-67459	JP	62-502108	US	4931186
		US	5024762				
WO	1986/005705 A	AT	52707	AU	5692386	DE	3671175
		EP	0216876	JP	62-502317	US	4816160
WO	1985/001449 A	AT	84243	AU	3440084	DE	3486031
		EP	0160014	JP	60-59393	JP	61-500011
		US	4767539				
WO	1993/002779 A	AU	2422092	AU	6204296	AU	9406898
		CA	2114228	DE	69230766	EP	0641246
		ES	2145010	JP	3302992	JP	6509501
		US	5643455				
JP	06-190250 A	NONE					
WO	2001/036075 A	AT	264272	AU	1255800	AU	1376401
		AU	1376701	AU	6073899	BR	9914376
		CA	2278085	CA	2279766	CA	2290053
		CA	2307492				
WO	1998/028066 A	AU	5395798	CA	2275146	CN	1134286
		CN	1244814	EP	0952885	JP	2001510396
		NZ	336455	NZ	510245	US	6555005
		US	2002195390	US	2003178365	US	2004084369
		US	2004145076	US	2004168979	US	2004178154
JP	06-238273 A	NONE					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

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